

PS620W#BPVD

Features:



Bifacial Rate Up to 85% and More Back Power Generation by 5-25%



Double-glass Technology, higher encapsulation blocking and mechanical strength

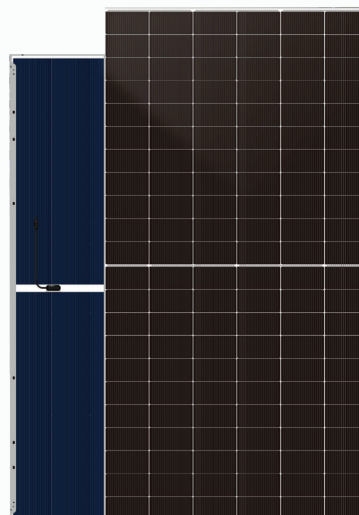


Higher power, longer service life, linear power warranty for 30 years

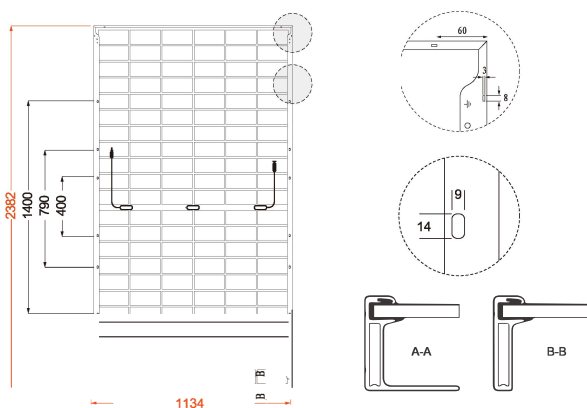


TOPCon cells, lower attenuation, better temperature coefficient & dim light performance

Module Efficiency 22.95%



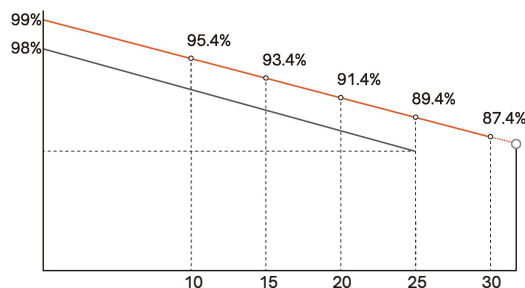
Design



Mechanical Specification

No. of Cells	132 (6×22)
Weight	32.5kg
Cells Type	N-type 182×105mm
Dimension (L×W×T)	2382×1134×30mm
Packing	36pcs/Pallet, 720pcs/40HQ

30-Year Linear Power Output Warranty



— Power Solid Solar linear power output guarantee
— Standard linear power output guarantee

Cable(Including connector)	4.0mm ² , 300/200mm in length, length can be customized
Glass	2.0mm High Transmission, Antireflection Coating
Junction Box	IP68, 3 Bypass Diodes
Connector	MC4 Compatible

Electrical Characteristics

Module Type	PS620W#BPVD	
Test conditions	STC NOCT	
Maximum Power (P _{max} /W)	620	467
Open-circuit Voltage (V _{oc} /V)	48.6	46.2
Maximum Power Voltage (V _{mp} /V)	41.3	39.2
Short-circuit Current (I _{sc} /A)	16.00	12.92
Maximum Power Current (I _{mp} /A)	15.01	11.91
Module Efficiency (STC)	22.95	
Refer Bifacial Factor	80±5%	

Operating Parameters

Maximum System Voltage	1500V DC
Operating Temperature	-40 ~ +85°C
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45°C±2°C
Application Level	Class A

Temperature Coefficient

Temperature Coefficient of I _{sc} (αI _{sc})	0.046%/°C
Temperature Coefficient of V _{oc} (βV _{oc})	-0.25%/°C
Temperature Coefficient of P _{max} (γP _{mp})	-0.29%/°C
Snow load, frontside / Wind load, backside	5400Pa/2400Pa